

COMPARATIVE STATEMENTS FOR THE DISMANTLING / RECONSTRUCTION OF COMPOUND WALL  
SUPPLYING & INSTALLATION OF SODIUM LIGHTS, SECURITY CCTV CAMERA SYSTEM FOR MAIN  
CAMPUS AND SUPPLYING & FIXING BARBET WIRE AT RESIDENTIAL COMPLEX, MUET, SHAHEED  
Z.A BHUTTO CAMPUS KHAIRPUR MIR'S.

MAIN SUMMARY OF COST

Sr.	Name of Item	M/s OM Parkash M.Kundnani, Larkana	M/s Kashif Constructor, Khairpur Mir's.
1.	Dismantling / construction of the compound wall		
A-	Cost of Schedule item	11,129,131.88	9,721,463.91
B-	Cost of Non Schedule Item	600,000.00	720,000.00
	Sub-Total A+B	11,729,131.88	10,441,463.91
2	Supplying / installation sodium street light		
A-	Cost of Schedule item	2,480,347.63	2,480,347.63
B-	Cost of Non Schedule Item	1,147,500.00	1,182,700.00
	Sub-Total A+B	3,627,847.63	3,663,047.63
3	Supplying and installation close circuit television		
A-	Internal Electrification (Non- Scheduled Items)	2,101,500.00	2,650,100.00
	Sub-Total A	2,101,500.00	2,650,100.00

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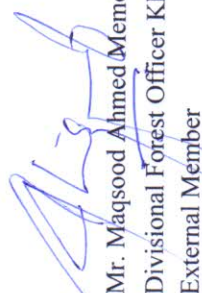
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4	Supplying & Fixing barbed wire in existing compound wall (Residential Complex)		
A-	Cost of Non Schedule Item	2,042,260.00	2,654,938.00
	<b>Sub-Total A</b>	2,042,260.00	2,654,938.00
	<b>Total in Rs.</b>	<b>19,500,739.51</b>	<b>19,409,549.00</b>


  
 Engr. Mir Sajjad Hussain Talpur  
 Principal PTTI/GCT, Khairpur Mir's  
 External Member

  
 Prof. Dr. Naveed Raza Shah  
 Chairman Civil Engg. Deptt:  
 MUET, SZAB Campus Khairpur Mir's / Membe SALU, Khairpur Mir's / External Member

  
 Mr. Ghulam Mujtaba Abbasi  
 Executive Engineer (Electrical)  
 MUET, SZAB Campus Khairpur Mir's / External Member

  
 Mr. Maqsood Ahmed Memon  
 Divisional Forest Officer Khairpur  
 External Member

  
 Mr. Waqas Ali Channa  
 Deputy Director Finance  
 MUET, SZAB Campus Khairpur Mir's  
 /Member

  
 Engr. Naveed Ali Brohi  
 Assistant Engineer (Electrical)  
 MUET, SZAB Campus Khairpur Mir's  
 / Member / Secretary

Engr. Sajjad Hussain Memon  
 Project Director, MUET, Shaheed Z.A Bhutto Campus, / Khairpur Mir's/ Convener



S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
A	Schedule Item						
1	Dismantling brick work in lime or cement mortar (G.S.I# 13, Page-10)	4459	%Cft	1285.63	57,326.24	1285.63	57,326.24
2	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same. (G.S.I# 20, Page-10)	2711	%Cft	5445	147,613.95	5445	147,613.95
3	Excavation in foundation of building Bridges and other structure including dagbelling dressing refilling around structure with excavated earth watering and raming lead up to 5 ft. (G.S.I# 18(b), Page-04) b) In Ordinary soil	14544	%OCft	3176.25	46,195.38	3176.25	46,195.38
4	Cement Concrete bricks or Stone ballast 1-1/2" to 2" guage (G.S.I# 4(b), Page-15) b) Ratio 1 : 4 : 8	3536	%Cft	9416.28	332,959.66	9416.28	332,959.66
5	Pacca brick work in foundation and plinth in: (G.S.I# 4(e), Page-21) e) Cement sand mortar	6224	%Cft	11948.36	743,665.93	11948.36	743,665.93
6	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars).(b) using Tor bars. (GSI # 8(a) b, P# 17).	300 Per Cwt		5001.7	1,500,510.00	5001.7	1,500,510.00
7	Reinforcement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (including Screening and washing of shingle) a) RCC work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (GSI # 6 (a), P# 16)						



S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundhani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
	(I) Ratio 1:2:4 90 lbs cement 2 Cft sand, 4 Cft shingle 1/8" to 1/4" gauge .	6930	P.Cft	337	2,335,410.00	337	2,335,410.00
8	Pacca brick work other than building including striking of joints up to 20 feet height in c) Cement sand mortar (GSI # 7(c) b, P# 22).	10837	%Cft	12899.7	1,397,940.49	12899.7	1,397,940.49
9	Cement plaster 1:4 upto 12' height b) 1/2" thick (GSI # 11(b) , P# 52).	40970	%Sft	2283.93	935,726.12	2283.93	935,726.12
10	Cement plaster 1:4 upto 12' height a) 3/8" thick (GSI # 11(a) , P# 52).	40970	%Sft	2197.52	900,323.94	2197.52	900,323.94
11	A. Preparing the surface and papinting with weather coat i/c rubbing the surface with rubbing bricks/sand paper, filling the voids with chalk / plaster of paris and then painting with weather coat of aproved make B. 2nd & subsequent coat. (GSI # 38(a +b) , P# 56).	40970	%Sft	2567.95	1,052,089.12	2567.95	1,052,089.12
12	Providing & fixing angle iron verticle plts for barbed wire fencing of size 2" x 2" 1/4" embedded in RCC/ Masonary pillars i/c making cuts/holders @ 12" i/c fixing in pillars by chiseling and filling the with cement sand mortar saprining & finishing the surface.	1606	P-Rft	169.18	271703.08	169.18	271703.08
				Total	9,721,463.91	Total	9,721,463.91
				14.48% Above on S.I			
				Total for Schedule Items		At par	
						Total	9,721,463.91

S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
B- Non Schedule Item							
1	Supply & fixing blade hot dipped galvanized razor wire(CBT-25) including the cost of straightening & fixing in angle iron vertical posts etc complete in all respects as per direction of engineer incharge. RA Attached.	30000	P.Rft	20	600,000.00	24	720,000.00
Total				Total	600,000.00	Total	720,000.00

**Supply and Installation of Sodium Street Lights at MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's.**

A-	Schedule Item		P.No				
1	Construction of RCC foundation as per following specification & instruction of EI for 31ft long tubular pole excavation of soft/hard soil 3' x 3' x 5.5' stone soiling 3' x 3' x 6" making lean in the ratio of 1:4:8 length of MS bolts 6-1/2' (3/4"dia) 4 no & making thread on MS rod Template 22" x 22" x 1/4" Rings 1/4" dia round bar to the welded with MS rod RCC foundation ratio 1:2:4 with appropriate size 2ft x 2ft x 6.5ft. (ESI# 139, P# 19)	35	P.No	15,168.00	530,880.00	15,168.00	530,880.00
2	Manufacturing providing & fixing GI single arm double arch as per site requirement Instruction of EI with following Specification GI pipe 2" dia 10 SWG 5ft long 2 no's MS clamps with nuts & bolts (Elec Sch I# 143, P#21)	35	P.No	1,546.00	54,110.00	1,546.00	54,110.00
3	Providing & fixing of street light 125 watts (HPMV) having IP54 classification with 125w lamp, choke, capacitor & Internal wiring complete in all respect at the height up to 31ft as per site requirement and instruction of EI. Make of the above light is as follow. (Elec Sch I# 159, P# 25)	35	P.No	6,365.00	222,775.00	6,365.00	222,775.00

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S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
4	Providing & fixing junction box as per following specification size of box 10" x 8" x 5" MS plate size 16 SWG thick Clamp with nuts & bolts Cover plate with screw Painting two coats of rust preventive red oxide & two coats of ICI oil paint as per site requirement & instruction of El (Elec Sch# 157, 24)	35	P.Job	1,020.00	35,700.00	1,020.00	35,700.00
5	Providing & laying (MAIN or SUB MAIN) PVC insulated & PVC sheathed with 3core Armoured copper conductor 600/1000 volts size 25mm2 (Elec Sch# 70, 9)	1100	P.Mtr	1,428.00	1,570,800.00	1,428.00	1,570,800.00
6	Providing & laying (MAIN or SUB MAIN) PVC insulated with single core copper conductor 250/440 volts size 2-3/029 (Elec Sch# 43, 6)	350	P.Mtr	69	24,150.00	69	24,150.00
7	Excavation in foundation of building bridges and other structures including dagbelling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5 ft. (b) In Ordinary soil. (GS: P-4 Item-18)	10500	%0 CFT	3,176.25	33,350.63	3,176.25	33,350.63
8	Providing G.I pipes & Special etc including fixing cutting & fitting complete with & l/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen pain to pipes & specials after cleaning & hassian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling. (vi) 2" dia G.I Pipe (WSI# 1, P# 29)	200	Rft	42.91	8,582.00	42.91	8,582.00
				Total	2,480,347.63	Total	2,480,347.63
				At Par	-	At Par	-
				Total	2,480,347.63	Total	2,480,347.63

S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
B-	<b>Non Schedule Items</b>						
9	Kroviaing'sr TiXTrng ot tsnaDUiar poic as following specification to be fixed on pre-cast foundation with the help of hydraulic crane & manual labour. 10ft-(6" dia)+ 5ft (5" dia)+ 5ft(3" dia)=20ft wall thickness 8 SWG Base plate 18"x18"x3/4" holes 4 no's stiffeners 4 nos. 91/2" x 4 1/2" x 1/2" Making window in the pole required size with LN key provision two coats red oxide (2 coat) as rust preventive & of required oil paint (2 coat) as per site requirement & instruction of El. 711,200.00	35	P.No	19000	665,000.00	20320	711,200.00
10	Providing, Laying 3" dia uPVC dadex or equivalent conduit of Class 'C' (equivalent make) fixing in trench i/c cutting, fitting and jointing including cost of tee, bends, elbow etc complete as per site requirements. 304,500.00	3500	P.Rft	110	385,000.00	87	304,500.00
11	Supply and Installation of Earthing system with 3m x 20mm copper clad MS Bar directly derived into the ground, job includes the cost of 2 x 10mm sq earth conductor complete as per directions of engineer incharge. 115,000.00	5	P.Job	10300	51,500.00	23000	115,000.00



S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
12	Providing & Testing a commissioning of external type distribution box weather proof, dust proof and after proof made of 12 SW/G thick MS sheet including anti rust paint including ammeter, volt meter, selector switches, control fuse etc complete as per drawing or direction by the engineer incharge, consist of following components.						
	1-40 A, TP MCCB						
	1-40 A, 220 V Coil Magnetic Contractor						
	1-10 A, Photocell Switch	2	P.Job	23000	46,000.00	26000	52,000.00
Total Amount in Rs.				Total	1,147,500.00	Total	1,182,700.00

#### Supply & Installation of Close Circuit Television System

##### A- Internal Electrification [Non-Scheduled Items]

1	Supply & Installation of IP CAMERA BULLET 4 megapixel high resolution Full HD1080p video Dual video streams 4mm/6mm fixed lens 120dB Wide Dynamic Range 3D Digital Noise Reduction Max. Image Resolution: 2048x1536 Backlight Compensation	80	Job	17,000.00	1,360,000.00	24000	1,920,000.00
	DC12V & PoE Support H.264+ Up to 30m IR range 3-axis adjustment IP66 weather-proof protection Metallic housing & bracket						
2	Supply & Installation of Network Video Recorder 32 Channels						
	Third-party network cameras supported Up to 6 Megapixels resolution recording HDMI and VGA output at up to 1920*1080P resolution						
	8/16/32-ch network cameras can be connected with 80M/160M/160M incoming bandwidth	2	Job	120,000.00	240,000.00	95000	190,000.00
	Up to 4 SATA interfaces Plug & Play with up to 16 independent PoE network interfaces Support network detection, including network delay, packet loss, etc						
One Year product warranty Without HDD							



S.No	DESCRIPTION	QTY.	UNIT	M/s OM Parkash M.Kundnani, Larkana		M/s Kashif Constructor, Khairpur Mir's.	
				RATE(RS)	AMOUNT(RS)	RATE(RS)	AMOUNT(RS)
3	Supply & Installation of HDD 04TB (Sata) One Year product warranty	2	Job	23,000.00	46,000.00	18000	36,000.00
4	Supply and installation of camera wiring (fiber Optic, 06 core) with Power Source (3/29 GM Cable) through PVC Cahnnel Patti and PVC Pipe with related accessories including cost of exavation and refilling etc complete in ail respects as per directions of engineer incharge.	1500	P.Mtr	125.00	187,500.00	90	135,000.00
2	Mini ODF Box	10	P.Each	500.00	5,000.00	10500	105,000.00
3	Media Converter (Fiber Optic)	10	P.Each	9,000.00	90,000.00	11000	110,000.00
4	Cat-6 Cable (3M/A-unit / Clipsal)	10	P.Each	15,100.00	151,000.00	560	5,600.00
5	Fiber Optic Splicing	10	P.Each	600.00	6,000.00	7000	70,000.00
6	Out Door weather proof box	10	P.Each	1,000.00	10,000.00	7500	75,000.00
7	Patch Code	10	P.Each	600.00	6,000.00	350	3,500.00
				Total	2,101,500.00	Total	2,650,100.00

**Supplying & Fixing barbed wire in existing compound wall (Residential Complex) at MUE.T, Shaheed Z.A Bhutto Campus Khairpur Mir's**

Non Schedule Item			
1	Supply & fixing blade hot dipped galavnized razor wire(CBT-25) including the cost of straightening & fixing in angle iron vertical posts etc complete in all respects as per direction of engineer incharge.	102,113.00	P-Rft
		20	
		2,042,260.00	26
		2,042,260.00	2,654,938.00
	Total	Total	Total